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After holding teaching positions in Europe, Africa, and North America he joined Embry-Riddle Aeronautical University (ERAU) in 1985 teaching undergraduate and graduate courses, supervising students developing software for the Air Science Simulation Laboratory, and contributing to research on Intelligent Simulation Training System. He was active in the Society for Computer Simulation, served as a visiting researcher with the Federal Aviation Administration and with the Guidant Corporation (aviation and medical software respectively). With National Science Foundation support he designed and implemented ERAU Real-Time Laboratory. He has been a member of RTCA committees dedicated to aviation software certification, the IFAC committee on air traffic automation, and served on the National Academy of Sciences Committee on aging avionics. Recently, he has been working on software tools for development of software and hardware testing and certification issues for dependable systems while contributing to real-time safety critical software training for the FAA Certification Services. In collaboration with three European universities he has been leading the FIPSE (US Department of Education) sponsored programs on curricula design and students' mobility exchanges.